

File No.

T. 8 N. 2 E. 3

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964

Notice of Completion of Groundwater Appropriation
Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater about 1900 -Owner Ralph Harvey Address MusselshellContractor (if any) none

Address of Contractor

Date Started Date Completed

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable.

Natural flow - 0 to 20 ft deep

Quantity of water developed and used with explanation of method
used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use

6 months of the year

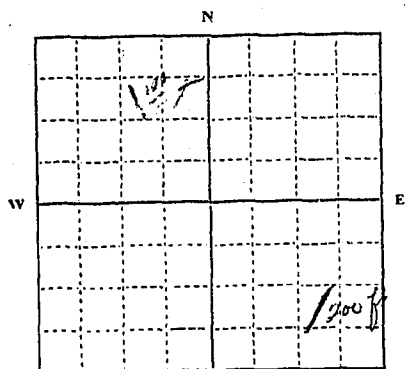
Signature of Owner Ralph HarveyDate Dec 30 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the
works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana
Bureau of Mines and Geology and Quadruplicate for the Appropriator.



N. 1/4 Sec. 5 T. 29 R.

Indicate point of appropriation
and place of use, if possible.

17777

169527

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 30 DAY OF

Dec A. D. 19 63
AT 1:12 O'CLOCK P M.

B. H. MATZKE

COUNTY RECORDER

James L. Dawson
DEPUTY

2.02

File No.

DUPLICATE

T. 8N R. 29E

County Musselshell

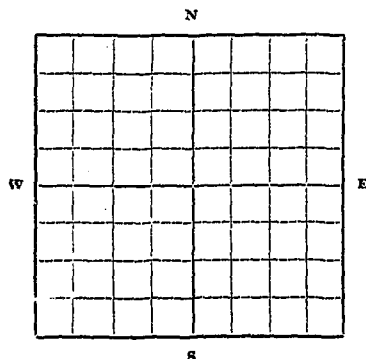
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
NOV 15 1963

STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Northern Pacific Railway Company, of St. Paul 1, Minn.
(Name of Appropriator) (Address) (Town)
County of Ramsey State of Minnesota
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 23 T8N R. 29E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based watering livestock.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Continuous since 1961.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gallons per minute.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof None

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Drilled in 1961.

8. The depth of water table 110 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 175 feet deep.

10. The estimated amount of groundwater withdrawn each year

11. The log of formations encountered in the drilling of each well if available 0-12' sandy soil; 40' sand stone; 60' shale; 65' sand stone - 8 gal. per minute; 140' shale; 145' pumping level; 175' sand stone.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. No other information available.

Northern Pacific Railway Co.
Signature of Owner BY L. H. L. L. L.
Dist. Supvr, Graz. & Cult.
Date

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

168907

STATE OF MONTANA, }
MUSSELSHELL COUNTY. }

FILED THIS 14 DAY OF
November A. D. 19 63
AT 1:46 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Clair J. Freeman
92.00

RECORDED 11/14/63

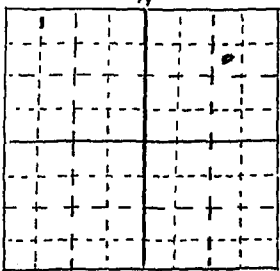
SN 24
T...R...
County Musselshell

State of Montana
Administrator of groundwater Code
Office of State Engineer

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 2 1964

1. Ralph Harney....., of Musselshell STATE ENGINEER
(Name of Appropriator) (Address) (Town)
County of Musselshell.....State of Montana.....
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4....Sec 29...T8...R29

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based. stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 5/29/61 and continuous since
4. The amount of groundwater claimed (in miner's inches or gallons per minute)....1.0 gal. per min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. Not used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....Motor and Windmill
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water5/29/61
8. The depth of water table 54'
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....Drilled well - 7" hole - 175 ft. deep
10. The estimated amount of groundwater withdrawn each year. 100,000 gal
11. The log of formations encountered in the drilling of each well if available.....12' silt. soil - 40' sandstone - 60' shale - 65' sandstone - 140' shale - (145' pumping level) - 175' sandstone to its bottom
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any court record.....None

Signature of Owner R. Ralph Harney

Date Dec. 30. 1963

169530

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 30 DAY OF

Dec A. D. 1963

AT 1:18 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Francis J. Dawson

DEPUTY

\$2.00

T...R...
County...
24

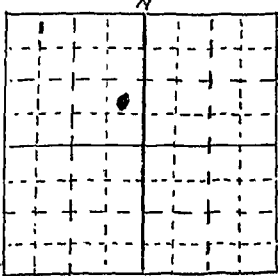
State of Montana
Administrator of groundwater Code
Office of State Engineer

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 2 1964

STATE ENGINEER

1. Ralph H. Hargy....., of Missoula.....
(Name of Appropriator) (Address) (Town)
County of Missoula.....State of Montana.....
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



2. The beneficial use on which the claim is based.....

.....water for stock.....

3. Date or approximate date of earliest beneficial use, and how continuous the use has been.....

.....June 29, 1954.....

4. The amount of groundwater claimed (in miner's inches or gallons per minute).....

.....1 gpm.....

.....2.27 Sec 24 T8 R9.....
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....

.....drilled well.....

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water.....

.....June 29, 1954.....

8. The depth of water table.....

.....60 ft.....

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....

.....drilled well - 20 ft deep - 6 casing.....

10. The estimated amount of groundwater withdrawn each year.....

.....50,000 gal.....

11. The log of formations encountered in the drilling of each well if available.....

.....

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any count record.....

.....none.....

0-12 soil
15 buff shale
34 blue shale
50 sandy shale
72 blue shale
73 coal
84 grey shale
85 hard ledge
110 - grey shale
140 hard sand
169 grey shale
201 hard

Signature of Owner Ralph Hargy

Date Dec 30, 1963

17779

169529

STATE OF MONTANA, }
MUSSELSHELL COUNTY, }

FILED THIS 30 DAY OF

Dec A. D. 1963

AT 1:16 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Frances L. Dawson
DEPUTY

42.00

GW3

File No.

DUPLICATE

T. 8 N 29 E

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater unknown to 1950

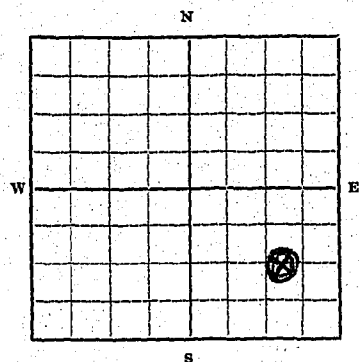
Owner Bar U Bar Cattle Co Address Musselshell, Mont.

Contractor (if any) George "Bud" Hansen

Address of Contractor Roundup, Mont.

Date Started 1951 Date Completed 1951

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring boxed & piped to trough, depth to water 37 ft.



S.E. 1/4 Sec 25 T. 8 R. 29

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

Spring runs 1 1/4" pipe 1/3
full year round
used for stock water

Signature of Owner Bar U Bar Cattle Co, Inc.
Charles C. White

Date 12/13/63

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

11636

169221

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY. }

FILED THIS 19 DAY OF

Dec A. D. 1963

AT 2.01 O'CLOCK P. M.

B. H. MATZKE

COUNTY RECORDER

Elaine J. Roseman
DEPUTY

x
2.00

File No.

DUPLICATE

T. ^N 8 ^E R. 29County Musselshell

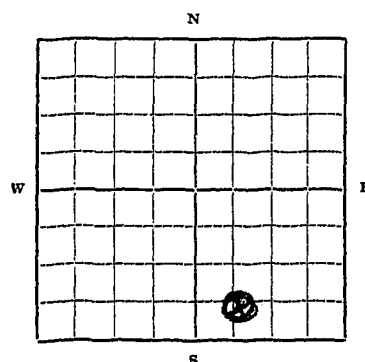
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1 Bar U Bar Cattle Co., Inc. of Musselshell
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S.E. 1/4 Sec 25 T. 8 R. 29

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been well has never been produced
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gpi. per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not used
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal well has never been used
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1949
8. The depth of water table 40'
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 100' - 4" casing
10. The estimated amount of groundwater withdrawn each year none yet
11. The log of formations encountered in the drilling of each well if available none available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none available

Signature of Owner Bar U Bar Cattle Co.
by: Charles C. White

Date 12/13/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

11642

169227

STATE OF MONTANA, {ss.
MUSSELSHELL COUNTY.)

FILED THIS 19 DAY OF

Dec A. D. 1963
AT 2:07 O'CLOCK P M.

B. H. MATZKE

COUNTY RECORDER

Elmer J. Sorenson
DEPUTY

2.00

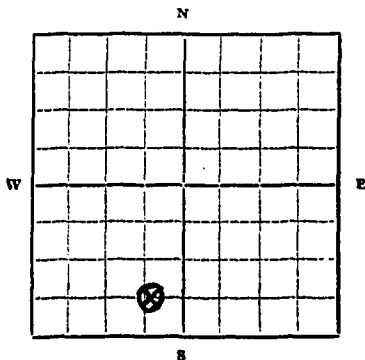
File No.

DUPLICATE

T. ^N 8. ^E R 29 "26
County MusselshellSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERDeclaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)RECEIVED
DEC 23 1963

STATE ENGINEER

1. Bar U Bar Cattle Co, Inc., of Musselshell (Name of Appropriator) (Address) (Town)
County of Musselshell State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec 26 T. 8. R. 29

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based Livestock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1954
continuous to date
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gal. per min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not used
6. The means of withdrawal: such water from the ground and the location of each well or other means of withdrawal pump jack & gasoline motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1950
8. The depth of water table 21 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
50' - 4" casing
42' - 1 1/4" tubing
3" cylinder
42' 6 3/8" steel pump rod
10. The estimated amount of groundwater withdrawn each year 25,000 gal.
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record not available

Bar U Bar Cattle Co.
Signature of Owner by: Charles C. White
Date 12/13/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

11641

169226

STATE OF MONTANA, }
MUSSELSHELL COUNTY. }

FILED THIS 19 DAY OF

Dec A. D. 19 63
AT 2:06 O'CLOCK P M.

B. H. MATZKE
COUNTY RECORDER

Elaine J. Brown
DEPUTY
2.00

File No. _____

ORIGINAL

Coleman Well

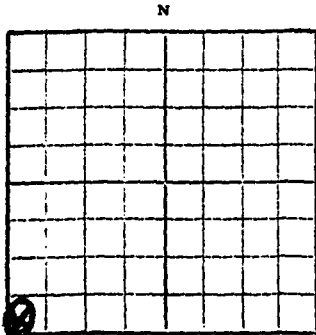
T. 8 R. 29 26

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Bar U Bar Cattle Co., of Musselshell
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 28 T. 8 R. 29
Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.
J-L Ranch
J. L.

2. The beneficial use on which the claim is based livestock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been unknown
continuous since 1950
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gal. per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof unknown, pumpjack
gasoline motor (on well)
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater unknown - prior to 1950
8. The depth of water table 175 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 2 3/4" deep
2 3/4" - 6" casing
1 1/2" - 1 1/4" tubing
2" - 1 1/2" pumpjack
1851-1973 steel pumpjack
10. The estimated amount of groundwater withdrawn each year 116,000 gal.
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record not available

Doc. No. 8056, 169228
Filed for record
this 19th day of DECEMBER
A.D. 1963 at 308
O'clock P.M.

Signature of Owner Bar U Bar Cattle Co.
Charles C. White
Date 12/13/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

52,955

STATE OF MONTANA

County of MUSSELSHELL

Charles C. White having first been duly sworn, depose and say that he is of lawful age and is the appropriator and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name is subscribed thereto as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.

Bar Y. Bar Cattle Co.
By: *Charles C. White*
(*scri. pres.*)

Subscribed and sworn to before me, this 19 day of Dec 1963

B. H. MATZKE Clerk and Recorder
Musshell County, Montana

Notary Public for the State of Montana.

Residing at *Clairmont, Montana*
My Commission expires 19 *Sept*

169228

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 19 DAY OF

Dec A. D. 1963

AT 2:08 O'CLOCK P. M.

B. H. MATZKE

COUNTY RECORDER

Thaine J. Egan
DEPUTY

2-28

File No.
DUPLICATE

T. ^{N E} 8. R. 29 28
County Musselshell

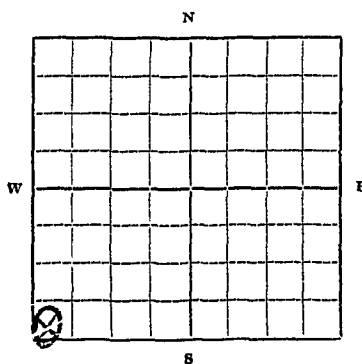
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 23 1963
STATE ENGINEER

1. Bor U Bar Cattle Co., of Musselshell
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S.W. 1/4 Sec. 28 T. 8 R. 29

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Live stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been unknown
continuous to date
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gal. per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof windmill pumpjack & gasoline motor (not used)
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater unknown - prior to 1950
8. The depth of water table 125 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 235' deep
235' - 6" casing
135' - 1 1/4" tubing
2" cylinder
185' - 3/8" steel pump rod
10. The estimated amount of groundwater withdrawn each year 110,000 gal.
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record not available

Bor U Bar Cattle Co.
Signature of Owner by: Charles White
Date 12/13/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

11643

169228

STATE OF MONTANA, } ss
MUSSELSHELL COUNTY. }

FILED THIS 19 DAY OF

Dec A. D. 1963
AT 2:08 O'CLOCK P M.

B. H. MATZKE

COUNTY RECORDER

Clarence J. Bowman
DEPUTY
D.O.

File No.

DUPLICATE

T. 8 N. R. 2 E. 28

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963

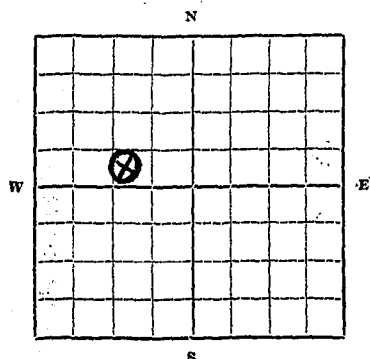
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Bar U Bar Cattle Co., Inc., of Musselshell (Name of Appropriator) (Address) (Town)

County of Musselshell State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.W. 1/4 Sec. 22 T. 8 R. 29

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Livestock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1957
continuous to date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gal per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not used

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal windmill, pump jack, gasoline motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1957

8. The depth of water table 250 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 310' deep

310' - 5" casing

270' - 2" tubing

2" cylinder

290' wooden pump rod

10. The estimated amount of groundwater withdrawn each year 100,000 gal

11. The log of formations encountered in the drilling of each well if available none available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none available

Signature of Owner by: Bar U Bar Cattle Co.
Charles C. White

Date 12/13/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

11645

169230

STATE OF MONTANA, ss.
MUSSELSHELL COUNTY, ss.

FILED THIS 19 DAY OF

Dec A. D. 19 63

AT 2:10 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Clair J. Rosman
DEPUTY

2.00

GW3

File No.

DUPLICATE

T. 8 N R 22 E 28

County Blaine

RECEIVED
DEC 23 1963

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater unknown prior to 1960

Owner Bar U Bar Cattle Co., Address Musselshell, Mont.

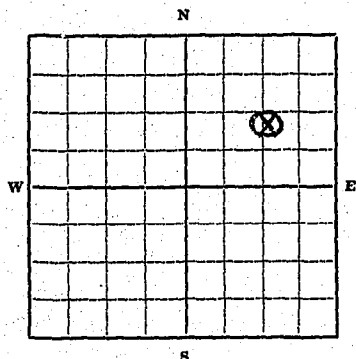
Contractor (if any) George "Bud" Hansen

Address of Contractor Roundup, Mont.

Date Started 1952 Date Completed 1952

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to

water when applicable. Spring cleaned out by "cat", 10' wide, 100' long, pond storage, surface water



NE 1/4 Sec 28 T. 8 R. 22

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

pond 10' wide x 100' long, 2' deep, used 7 mths. of each year for stock water

Signature of Owner Bar U Bar Cattle Co. Inc.
by: Charles C. White

Date 12/13/63

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

169222

STATE OF MONTANA, }
MUSSELSHELL COUNTY. } ss.

FILED THIS 19 DAY OF

Dec A. D. 1963

AT 2:02 O'CLOCK P-M.

B. H. MATZKE

COUNTY RECORDER

Clair J. Gosman

DEPUTY

2.00

Form No. 18
8-60

T. 8 R. 29
County Musselshell

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUN 28 1954

Water Well Log

STATE ENGINEER

Owner Fred Rubin Address Musselshell
Driller P. L. Ferguson Address Princeton
Date Started June 23-1954 Date Completed June 23-1954
Location: Sec. 29 T. 8 R. 29 $\frac{1}{4}$ sec.

Type of well drilled Equipment used cable tool
(Dug, driven, or drilled) (Churn, drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other _____

Casing: 0-29 ft. to 29 ft. Type sl. wall Size 8 in

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or screened: Ft. 19 to ft. 29. Ft. _____ to ft. _____

Type of screen or perforations slotted

Static water level, for non-flowing well: 19 feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level 26 feet at 32 gal. per min.

How tested: with 1 1/2 in. centrifugal pump

Length of test 2 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Cement Base

(over)

Log of Well

[illegible]

Form No. 18
8-60

T. 8 R. 99
County Missoula

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

Water Well Log

Owner Lord P. P. P. Address Missoula
Driller J. P. P. Address Princeton
Date Started April 1-1958 Date Completed April 2-1958
Location: Sec. 29 T. 8 R. 99 1/4 sec.

Type of well drill Equipment used Cable tool
(Dug, driven, or drilled) (Churn, drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Casing: 0 ft. to 41 ft. Type Galvanized Size 6 in.

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or screened: Ft. 90 to ft. 38. Ft. to ft.

Type of screen or perforations holes

Static water level, for non-flowing well: 94 feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level 34 feet at 30 gal. per min.

How tested: Water Bailer

Length of test 5 minutes

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Cemented Pack

(over)

Log of Well

[illegible]

Form No. 18
8-60

T. 8 R. 29 ³⁰

County Missoula

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUN 27 1961

STATE ENGINEER

Water Well Log

Owner Frank Rubin Address Missoula

Driller Joe Polars Address Princeton

Date Started June 9 - 1958 Date Completed June 10 - 1958

Location: Sec. 30 T. 8 R. 29 $\frac{1}{4}$ sec.

Type of well drilled Equipment used Cable tool
(Dug, driven, or drilled) (Churn, drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other _____

Casing: 0 ft. to 20 ft. Type galvanized Size 6 in.

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or screened: Ft. 7 to ft. 18. Ft. _____ to ft. _____

Type of screen or perforations holes

Static water level, for non-flowing well: 7 feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level 18 feet at 12 gal. per min.

How tested: Cylinder pump and gas engine

Length of test 1 hour

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Cement Base

(over)

Log of Well

[illegible]

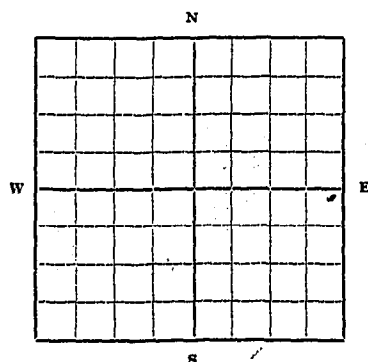
File No.

DUPLICATE

T. 8 N R. 29 E 30
County MusselshellSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERDeclaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)RECEIVED
NOV 1 1963

STATE ENGINEER

1. Fred Rubin of Musselshell
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 30 T. 8 R. 29

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based Household
3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 17 - 1913
Continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 gallons
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Household use
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Hand Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater June 1 1913 July 10 1913
8. The depth of water table 18 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Dug well 3 ft dia. 22 ft deep
10. The estimated amount of groundwater withdrawn each year 14,000 gallons
11. The log of formations encountered in the drilling of each well if available 18 ft. Sandy clay soil 4 ft of coal - 3 ft of shale below coal
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner Fred RubinDate 10-31-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

168808

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY. }

FILED THIS 31 DAY OF
October A. D. 19 63
AT 1:45 O'CLOCK P M.

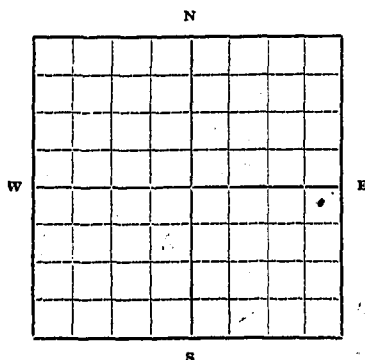
Clair J. Gossman COUNTY RECORDER
DEPUTY

2-nd

RECORDED
INDEXED

File No.

DUPLICATE

T. 8 N R. 29
County MusselshellSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERDeclaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)RECEIVED
NOV 1 1963
STATE ENGINEER1. Fred Rubin, of Musselshell
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Mont
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

SE 1/4 Sec. 30 T. 8 R. 29

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been November 1913
continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 7
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof no irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump
3 in. by 14 in. cylinder with pump
jack and electric motor
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater September 1913 - completed in November
1913
8. The depth of water table 17 ft.
9. So far as it may be available, the type, size and depth of each well, or the general specifications of any other works for the withdrawal of groundwater Aug Well 5 1/2 ft. diameter
21 ft. deep
10. The estimated amount of groundwater withdrawn each year about 72,000 gallons
11. The log of formations encountered in the drilling of each well if available 16 ft. light
sandy soil 16 ft. to 21 ft. quick sand type soil and
some gravel
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record no records

Signature of Owner Fred RubinDate 10-31-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

6762.

168809

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY, }

FILED THIS 31 DAY OF

October A. D. 19 63

AT 1:47 O'CLOCK P M.

B. H. MATZKE

COUNTY RECORDER

Clair J. Ross
DEPUTY

\$2.00

RECORDED
INDEXED
OCT 31 1963
CIVIL ENGINEER

G

Approved Stock Form—State Publishing Co., Helena, Montana—1921

File No.

T. 8 N. 29 E.

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

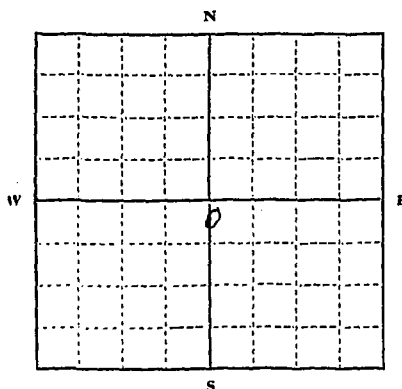
RECEIVED
JAN 2 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Rissa Blute, of Musselshell
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



2. The beneficial use on which the claim is based for household and livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 1, 1953 and continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 gal. per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof no irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal windmill

SW $\frac{1}{4}$ Sec. 32 T. 8 R. 29

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater June 28, July 1, 1953
8. The depth of water table 65'
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled, 6" casing, 125'
2 1/2" cyclinder 1 1/4" pipe
10. The estimated amount of groundwater withdrawn each year 250,000 gal
11. The log of formations encountered in the drilling of each well if available 0-4' top soil
4'-50' sandstone, 50'-53' coal, 53'-93' carbonaceous
93'-125' blue shale
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner

Rissa BluteDate Dec 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

17755

169539

STATE OF MONTANA,
MUSSELSHELL COUNTY, } ss.

FILED THIS 30 DAY OF

Dec A. D. 19 63
AT 1:36 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER
James L. Dawson
DEPUTY
\$2.00

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Henry Bedford

Address Box 202

Roundup, Mont.

Date well started Sept. 26, 1972 GW 1

completed Sept. 30, 1972

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Rotary

(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

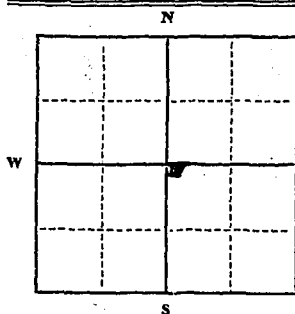
Industrial ☐ Drainage ☐ Other ☐ * Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 1/2	5" plastic	0	250	slotted	200	240



N 2 1/4 SE 1/4 Sec. 33

T. 8 N. R. 29 E

Static water level 100 ft.*
Pumping water level 210 ft.*
at 2 gallons per minute,
measured minutes after pumping
began.

*Measured from ground level.

Well developed by bailing
for 3 hours.

Power Pump HP

Remarks: (Gravel packing, cementing, packers, type of shutoff)

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature M. E. Flint

Driller's Address Klain Star Rte.

Roundup, Mont. 59072 LICENSE NO. 207

County Musselshell 33

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	5	topsoil
5	20	brown sandstone
20	35	blue gray shale
35	50	coal w/ shale streaks
50	55	blue shale & bentonite
55	90	blue gray shale
90	120	bentonite
120	135	blue blk shale
135	155	shale blue & bentonite
155	170	bentonite
170	190	gray blue shale & bent.
190	210	bentonite
210	230	bentonite & sand (60%)
230	240	gray shale
240	250	blue shale & bentonite

250 Show exact depth of bottom

51,777

18463³

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY. }

FILED THIS 9th DAY OF

December A. D. 1922
AT 10:15 O'CLOCK PM M.

CLAUDE F. FLETCHER
COUNTY RECORDER

Lucas
2nd DEPUTY

GW

Approved Stock Form--State Publishing Co., Helena, Montana--1921

File No.

T. 21 E. R. 21 E

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

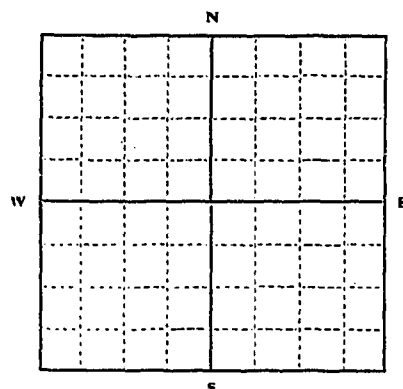
RECEIVED
JAN 2 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Hugh H. Hillman of Misselshell (Name of Appropriator) (Address) (Town)
County of Misselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 SW Sec. 34, T. 8, R. 29.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based
Stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
1954

4. The amount of groundwater claimed (in miner's inches or gallons per minute).
6 gal per min

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
cylinder pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
1954

8. The depth of water table.
60 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
Drilled 4 inch casing 90 feet deep

10. The estimated amount of groundwater withdrawn each year.
60,000 gal

11. The log of formations encountered in the drilling of each well if available.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner Hugh H. Hillman
Date 12/28/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

17821

169572

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.
FILED THIS 30 DAY OF
Dec A. D. 1963
AT 2:42 O'CLOCK P M.
B. H. MATZKE
COUNTY RECORDER
Frances L. Dawson
2.00 DEPUTY

GW3

File No.....

DUPLICATE

T. 8 N E 34 R. 29

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

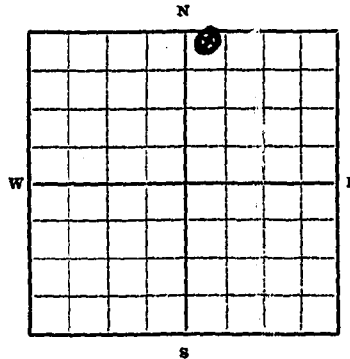
Date of Appropriation of Groundwater unknown prior to
Owner Mrs. Ruth Phillips New Orleans, La. 1950
~~Owner Charles C. White Address Montana~~

Contractor (if any) George "Bud" Hansen

Address of Contractor Roundup, Mont.

Date Started 1952 Date Completed 1952

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring cleaned by
"cat", 6' deep, 10' wide, 50'
long, 12' x 12' wooden box
around flow



N.E. $\frac{1}{4}$ Sec. 34 T. 8 R. 29

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

storage pond 10' x 25'
3' deep, used 8 mo. of
each year.

Signature of Owner Mrs. Ruth Phillips (Seal)
by Bob C. White Co. Inc.
dated: Charles C. White

This form to be prepared by contractor (if any), otherwise by the owner. 12/13/63

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

11635

169220

STATE OF MONTANA, {ss.
MUSSELSHELL COUNTY.}

FILED THIS 19 DAY OF

Dec A. D. 19*28*
AT 2:00 O'CLOCK *P* M.

B. H. MATZKE

COUNTY RECORDER

Clarence J. ...
DEPUTY

2.00

File No.

DUPLICATE

MONTANA WATER RESOURCES BOARD

RECEIVED

T. 8 R. 29

County Musselshell

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater
Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

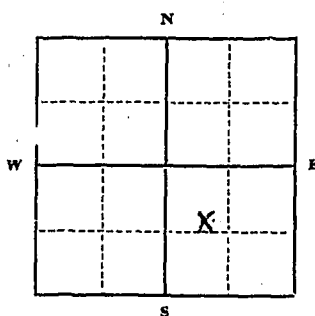
Owner J Bar L Ranch Address Musselshell, Mont.Driller Harvey McConnell Address Roundup, Mont.

Date of Notice of appropriation of groundwater

Date well started May 21, 1968 Date completed May 23, 1968Type of well drilled Equipment used churn drill
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	5" I.D.	0	64	1/4" Slots	40	52

NW-SE
1/4 Sec. 36 T. 8 R. 29
Indicate location of well and place of use, if possible. Each small square represents 40 acres.Static Water Level for non-flowing well 20 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 35 feet
at 50 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested baileyLength of Test 1 hr.Remarks: (Gravel packing, cementing, packers, type of shutoff) none

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

linestock

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number

Harvey McConnell
Driller's Signature.

44,987

178473

STATE OF MONTANA,
MUSKELSHIELL COUNTY.

FILED THIS 6 DAY OF

Feb A. D. 1949

AT 4.10 O'CLOCK P. M.

Claude A. Fletcher
COUNTY RECORDER

200

178473

GROUNDWATER INDEX

Page 1 of

County Musselshell Twp. 8N Rge. 30E

[illegible]

State of Montana
Administrator of groundwater Code
Office of State Engineer

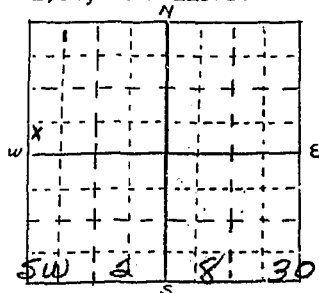
8 N E 2
34
Musselshell
T. 34 N. R. 2 E. S. 34
County
JAN 3 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

Harren Maart *Melstone*

1. *Musselshell*, of *Montana*,
(Name of Appropriator) (Address) (Town)

County of *Musselshell* State of *Montana*
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



2. The *stock* use on which the claim is based.....

3. Date or *unavailable date* of earliest beneficial use; and how continuous the use has been.....

4. The amount of groundwater claimed (in miner's inches or gallons per minute)..... *4 G.P.M.*

.....*1*.....Sec.....T.....R 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....

7. The *unavailable date but* date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....

8. The depth of water table *150ft. approximately*

9. So far as it *is* available, the size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....

10. The estimated amount of groundwater withdrawn each year..... *20,000*

11. The log of formations encountered in the drilling of each well if available.....

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any count record.....

Harren Maart
Signature of Owner *Dec. 31, 1963*

Date

169711

STATE OF MONTANA }
MUSSELSHELL COUNTY }

FILED THIS 31 DAY OF

December A. D. 1963

AT 2:42 O'CLOCK P.M.

E. H. MATZKE

COUNTY RECORDER

Frances L. Dawson
2

V 3

File No.

DUPLICATE

RECEIVED
Approved Stock Form—State Publishing Co., Helena, Montana—38496
OCT 21 1964

T. 8^N R. 30^E S. 3

Musshell

STATE ENGINEER

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

RECEIVED
OCT 16 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

*Herald Haugen
Milstone Mont.
Operator*

Date of Appropriation of Groundwater.....

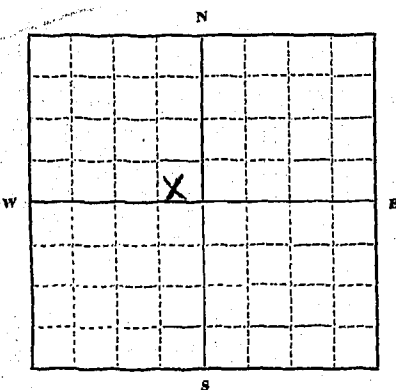
Owner *James Fulton* Address *Fairfield, Wash*

Contractor (if any) *Harry McConnell #43*

Address of Contractor *223rd St East*

Date Started *July 17, 1964* Date Completed *July 27, 1964*

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. *Drilled by a well driller to a depth of 130 ft. through sand and shale*



S. E. 1/4 Sec. 3 T. 8 N. R. 30 E
Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use.....

Used all year around as it is for pasture for stock with water at 15 gal. per minute on pump.

Signature of Owner *James Fulton*

Date *Oct. 15, 1964*

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

This should have been filed on Form 2

38565

171407

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 15 DAY OF

October A. D. 1964

AT 10.20 O'CLOCK AM

E. H. MATZKE

COUNTY RECORDER

Elaine J. Hanson
DEPUTY

L. W.

File No.

DUPLICATE

T. 8 N. R. 30 E.

County Musselshell

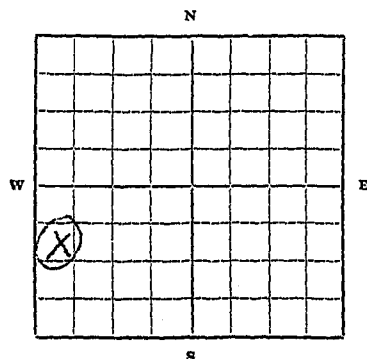
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
OCT 17 1963

STATE ENGINEER

1. James Turlton of Fairfield
(Name of Appropriator) (Address) (Town)
County of Spoканe State of Washington
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 4 T. R.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based line stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been March 17, 1961

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 18 gal. per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Gasoline engine on pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Mar. 17, 1961

8. The depth of water table 21.8 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 4 inch steel casing inside to bottom of hole

10. The estimated amount of groundwater withdrawn each year wouldn't know

11. The log of formations encountered in the drilling of each well if available 11.0 - 11.8 sandy shale 1.18 to 1.55 blue shale 1.55 to 1.75 hard sandy shale 1.75 to 2.15 porous sand shale 2.15 to 2.18 blue shale

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner James Turlton

Date Oct. 16, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

168728

STATE OF MONTANA, }
MUSSELSHELL COUNTY. }

FILED THIS 16 DAY OF

Oct A. D. 19 63

AT 3:53 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Elaine J. Gosman
DEPUTY

*2.00

File No.

Sec 14 T. 8N. R. 30 E

DUPLICATE

County *Deer*

RECEIVED
OCT 17 1963

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

**Notice of Completion of Groundwater Appropriation
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

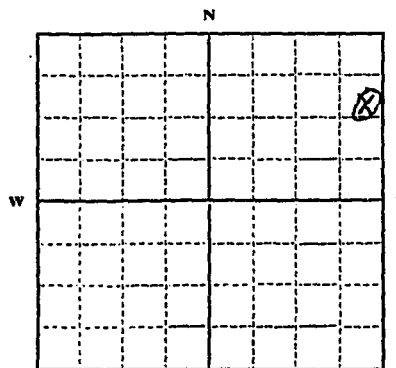
Date of Appropriation of Groundwater *1950 1-1-45*

Owner *James Fulton* Address *Fairfield, Wash.*

Contractor (if any)

Address of Contractor *by owner*

Date Started *It is on land when purchased* Date Completed



N.E. 1/4 NE Sec. 14 T. 8N R. 30 E

Indicate point of appropriation
and place of use, if possible.

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable. *galvanized tank*

*ground level 10 ft. diameter
water led to tank by 1 inch.
galvanized pipe spring pocket
in side hill*

Quantity of water developed and used with explanation of method
used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use *all year*

around

Signature of Owner *James Fulton*

Date *Oct. 16 1963*

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the
works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana
Bureau of Mines and Geology and Quadruplicate for the Appropriator.

168723

STATE OF MONTANA } ss.
COUNTY OF MUSSELSHELL }

I HEREBY CERTIFY THAT THE INSTRUMENT TO WHICH
THIS CERTIFICATE IS ANNEXED IS TRUE, COMPLETE AND
CORRECT COPY OF THE ORIGINAL WHICH WAS FILED IN

BY _____ 19 ____ AT ____ N.

WITNESSE MY HAND AND SEAL OF OFFICE THIS ____

DAY OF ____ 19 ____

COUNTY CLERK AND RECORDER.

STATE OF MONTANA. } ss.
MUSSELSHELL COUNTY. }

FILED THIS 16 DAY OF

Oct A. D. 19 63

AT 3:45 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Elaine J. Gassman
DEPUTY

#2.2

T. 8 R. 30 4

County Missoula

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
MAY 25 1961

WATER WELL LOG

STATE ENGINEER

Owner Harold Haagan Address Milestone, Mont

Driller R. L. Ferguson Address Roundup, Mont

Date Started March 9-1961 Date Completed March 17-1961

Location: Sec. 4 T. 8 R. 30 $\frac{1}{4}$ sec. NW 1/4

Type of well Drilled Equipment used Churn
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other: _____

Casing: 1 ft. to 218 ft. Type Steel Size 4 in

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. 205 to ft. 215 Ft. _____ to ft. _____

Type of screen or perforations Slot

Static Water level, for non-flowing well: _____ feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level _____ feet at 18 gal. per min.

How tested: Bailing

Length of test 30 min

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Gravel packed from 100 to bottom

(over)

Log of Well

[illegible]

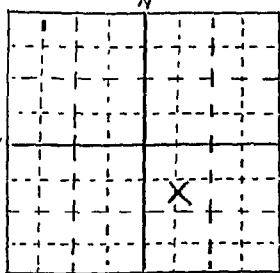
State of Montana
Administrator of groundwater Code
Office of State Engineer

T...8...R.30...
County *Musselshell*

RECEIVED
JAN 3 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, (1961) ENGINEER

John M. or Anna B. Robinson, of *Musselshell*
(Name of Appropriator) (Address) (Town)
County of *Musselshell* State of *Montana*
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



....*H*...Sec. *8*...T. *30*...R

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based. *Livestock*

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. *1955*

4. The amount of groundwater claimed (in miner's inches or gallons per minute) *10 gal per minute*

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. *Hand-dug well*

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water. *1955*

8. The depth of water table. *25 ft*

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. *200 ft deep 14 in casing*

10. The estimated amount of groundwater withdrawn each year. *50000*

11. The log of formations encountered in the drilling of each well if available. *not known*

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any count record.

Signature of Owner *John M. Robinson*
Date *12-31-63*

169837

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 2 DAY OF
Jan A. D. 1964
AT 3:18 O'CLOCK P. M.

B. H. MATZKE

COUNTY RECORDER

Francis L. Dawson
DEPUTY

WITNESSETH that I, the undersigned, County Recorder of Musselshell County, Montana, do hereby certify that the foregoing is a true and correct copy of the original as the same appears in the records of said County.

Witness my hand and seal this 2nd day of January, 1964.

SW 3

WATER CONSERVATION BOARD

Approved Stock Form—State Publishing Co., Helena, Montana—42262

File No. _____
 Bill _____
 DUBPLICATE _____
 Cyle _____
 Darlinton _____
 Dickert _____

T. 8 N 30 E
 County Musselshell

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater _____

Owner Frank L. Thompson Address Joseph, Oregon

Contractor (if any) _____

Address of Contractor _____

Date Started 1959 Date Completed _____

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Natural processes

springs

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use 6 mos.

stock water

Signature of Owner Frank L. Thompson

Date Dec 17, 1965

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

40131

173314

STATE OF MONTANA, {ss.
MUSSELSHELL COUNTY.}

FILED THIS 22 DAY OF

December A.D. 19 65

AT 2:00 O'CLOCK P.M.

CLAUDE F. FLETCHER

COUNTY RECORDER

Francis L. Dawson

DEPUTY

2. -

RECEIVED
OCT 7 1957

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 8 R. 30
County Musselshell

WATER WELL LOG

Owner Clyde Bell Address Musselshell, Mont.

Driller J. C. Connell Brie. Address Roundup, Mont.

Date Started Nov. 1, 1956 Date Completed Nov. 8, 1956

Location: Sec. 6 T. 8 R. 30 1/4 sec. S. W. 1/4 of 6-8-30

Type of well Drilled Equipment used Cable tool
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other

Casing: 0 ft. to 220 ft. Type 2 1/2" gal. steel Size 6"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 185 to ft. 215 Ft. to ft.

Type of screen or perforations factory made 1/2" slots

Static Water level, for non-flowing well: 165 feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level: 185 feet at 15 gal. per min.

How tested: bailer

Length of test: 1 hour

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

none

(over)

Log of Well

[illegible]

JW 3

Approved Stock Form—State Publishing Co., Helena, Montana—42262

File No.

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T. 8 N. R. 30 E.
COUNTY
JAN 3 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Sept 1963Owner Wanda B. Bix Address Wanda B. Bix

Contractor (if any)

Address of Contractor

Date Started Date Completed

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. A flowing springthe year around.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use.

Signature of Owner Wanda B. BixDate Dec. 30 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

20586